



Mouse Genome Informatics

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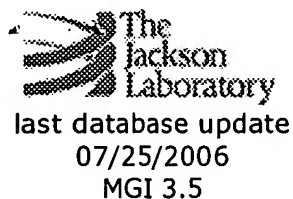

Phenotypic Alleles

Query Results – Summary

Symbol Name ID	Lat linker for activation of T cells MGI:1342293
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10 matching Alleles (1 Gene/Marker represented)

Allele Symbol Gene; Allele Name	Chr	Synonyms	Category	Observed Phenotypes in Mouse		Allelic (Genet
				Affected Anatomical Systems	Similar Human Diseases	
Lat^{tm1.1lox} linker for activation of T cells; targeted mutation 1.1, Paul E Love	7	LATY136F ^{m/m}	Targeted (knock- in)	immune		Lat^{tm1} (in 12' 12' C5
Lat^{tm18pay} linker for activation of T cells; targeted mutation 1, B Payraastre	7	LAT ⁻	Targeted (knock- out)	homeostasis, immune, hematopoietic		Lat^{tm1} (in 12'
Lat^{tm1ies} linker for activation of T cells; targeted mutation 1, Lawrence E Samelson	7	LAT ⁻	Targeted (knock- out)	immune, hematopoietic		Lat^{tm1} (N
				hematopoietic, immune, liver/biliary, respiratory		Cb^{tm1} Lat^{tm1} (in 12'
				immune		Lat^{tm1} Lat2tm (in C5
Lat^{tm1lox} linker for activation of T cells; targeted mutation 1, Paul E Love	7		Targeted (knock- in)			
Lat^{tm1Mal} linker for activation of T cells; targeted mutation 1, Bernard Malissen	7	LAT ^{Y136F}	Targeted (knock- in)	immune		Lat^{tm1} (in 12'
Lat^{tm2.1lox} linker for	7	LAT ^{4YF}	Targeted (knock-	immune		Lat^{tm2}



activation of T cells; targeted mutation 2.1, Paul E Love			in)			(in 12' 12' C5
<u>Lat^{tm2lox}</u> linker for activation of T cells; targeted mutation 2, Paul E Love	7	LAT ^{4YF-FLOX}	Targeted (knock-in)			
<u>Lat^{tm2Mal}</u> linker for activation of T cells; targeted mutation 2, Bernard Malissen	7	Lat ^{Y7/8/9F} , Lat ^{3YF}	Targeted (knock-in)	life span/aging, hematopoietic, immune		<u>Lat^{tm2}</u> (in 12'
				immune		<u>Lat^{tm2}</u> <u>Lat^{tm2}</u> (in 12'
<u>Lat^{tm3Mal}</u> linker for activation of T cells; targeted mutation 3, Bernard Malissen	7	Lat ^{Y6/7/8/9F}	Targeted (knock-in)			
<u>Lat^{tm4Mal}</u> linker for activation of T cells; targeted mutation 4, Bernard Malissen	7	Lat ⁻	Targeted (knock-out)			